

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Cybille Delacroix Muirheid
Group : 1614
Applicants : Paul R. Sleath et al.
Application No. : 09/670,106 Confirmation No.: 5809
Filed : September 26, 2000
For : INTERLEUKIN 1 β PROTEASE AND INTERLEUKIN 1 β
PROTEASE INHIBITORS

New York, New York
October 23, 2003

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c)(2), applicants make the following references of record in the above-identified patent application:¹

OTHER REFERENCES

Arsenijevic et al., Préparation simple de la DL- α -asparagine. Comptes Rendus **256**, 4039 (1963).

Blundell et al., Retroviral Proteinases: A Second Front Against AIDS. Nature **337**, pp. 596-597 (1989).

Cohen, Designing Antisense Oligonucleotides as Pharmaceutical Agents. Trends Pharmaceut. Sci., **10**, pp. 435-437 (1989).

¹ Applicants submit herewith Form PTO-1449, with the references listed therein.

Kobayashi et al., Identification of Calcium-Activated Neutral Protease as a Processing Enzyme of Human Interleukin 1 α . Proc Natl. Acad. Sci. USA, **87**, pp. 5548-5552 (1990).

Manson et al., Modulation of Interleukin 1 β Gene Expressing Using Antisense Phosphorothioate Oligonucleotides. Lymphokine Res., **9**, pp. 35-42 (1990).

Matsoukas et al., Synthesis of L-Prolyl-L-Leucylglycine Alkylamides. J. Org. Chem. **42**, pp. 2105-2108 (1977).

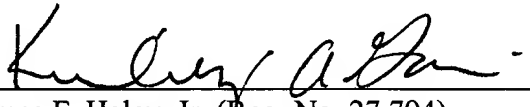
Rich, Inhibitors of Aspartic Proteinases. In Proteinase Inhibitors (Barret and Salvesan, eds.), pp. 180–217, Elsevier Science Publishers (1986).

Seelmeier et al., Human Immunodeficiency Virus Has an Aspartic-type Protease That Can be Inhibited by Pepstatin A. Proc. Natl. Acad. Sci. USA, **85**, pp. 6612-6616 (1988).

Yamashiro et al., Synthesis of a Pentekontapeptide with High Lipolytic Activity Corresponding to the Carboxyl-Terminal Fifty Amino Acids of Ovine β -Lipotropin. Proc. Natl. Acad. Sci. USA **72**, pp. 4945-4949 (1974).

Applicants request that that the Examiner (1) fully consider the enclosed references during the examination of this application; (2) initial the enclosed Form PTO-1449 in the appropriate places to indicate that the references have been considered; and (3) return a copy of the initialed Form to the undersigned in accordance with MPEP §§ 609 and 2001.06(a).

Respectfully submitted,


James F. Haley, Jr. (Reg. No. 27,794)
Attorney for Applicants
Min Wang (Reg. No. 51,303)
Kimberley A. Gavin (Reg. No. 51,723)
Agents for Applicants
c/o FISH & NEAVE
Customer No. 1473
1251 Avenue of the Americas
New York, New York 10020
Tel.: (212) 596-9000
Fax.: (212) 596-9090

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VPI/SW/002 CIP2 FWC DIV2 CON	SERIAL NO. 09/670,106
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		APPLICANTS P. Sleath et al.	CONFIRMATION NO. 5809
		FILING DATE September 26, 2000	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Arsenijevic et al., Préparation simple de la DL- α -asparagine. <u>Comptes Rendus</u> 256 , p. 4039 (1963). /
	Blundell et al., Retroviral Proteinases: A Second Front Against AIDS. <u>Nature</u> 337 , pp. 596-597 (1989). /
	Cohen, Designing Antisense Oligonucleotides as Pharmaceutical Agents. <u>Trends Pharmaceut. Sci.</u> , 10 , pp. 435-437 (1989). /
	Manson et al., Modulation of Interleukin 1 β Gene Expressing Using Antisense Phosphorothioate Oligonucleotides. <u>Lymphokine Res.</u> , 9 , pp. 35-42 (1990). /
	Kobayashi et al., Identification of Calcium-Activated Neutral Protease as a Processing Enzyme of Human Interleukin 1 α . <u>Proc Natl. Acad. Sci. USA</u> , 87 , pp. 5548-5552 (1990). /
	Matsoukas et al., Synthesis of L-Prolyl-L-Leucylglycine Alkylamides. <u>J. Org. Chem.</u> 42 , pp. 2105-2108 (1977). /
	Rich, Inhibitors of Aspartic Proteinases. in Proteinase Inhibitors (Barret and Salvesan, eds.) Elsevier Science Publishers, pp. 180-217 (1986). /
	Seelmeier et al. Human Immunodeficiency Virus Has an Aspartic-type Protease That Can be Inhibited by Pepstatin A. <u>Proc. Natl. Acad. Sci. USA</u> , 85 , pp. 6612-6616 (1988). /
	Yamashiro et al. Synthesis of a Pentekontapeptide with High Lipolytic Activity Corresponding to the Carboxyl-Terminal Fifty Amino Acids of Ovine β -Lipotropin. <u>Proc. Natl. Acad. Sci. USA</u> , 72 , pp. 4945-4949 (1974). /

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.